

## Message Text

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PAGE 01 STATE 119157  
ORIGIN COME-00

INFO OCT-01 EUR-12 ISO-00 OES-07 EB-07 /027 R

DRAFTED BY COMM/NOAA/NMFS:MMILAZZO:JJ  
APPROVED BY OES/OFA/FA:AZUCCA  
COMM/NOAA/NMFS:MKRAVANJA  
STATE-EUR/RPE:PMC CLEAN 632-1606  
STATE-OES/OFA

-----241353Z 021537 /50

R 241336Z MAY 77  
FM SECSTATE WASHDC  
TO AMEMBASSY LONDON  
INFO AMEMBASSY COPENHAGEN  
AMEMBASSY MADRID

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E.O. 11652: N/A

TAGS: EFIS, DA, SP

SUBJECT: SQUID-PEELING MACHINE

REF: LONDON 04086; LONDON 07489

1. THE NATIONAL MARINE FISHERIES SERVICE (NMFS), NOAA,  
COMMERCE APOLOGIZES FOR THE DELAY IN REPLYING TO REFTEL.

2. (BEGIN LIMITED OFFICIAL USE) THE SQUID-PEELING  
MACHINE IS CURRENTLY BEING DEVELOPED AND TESTED BY NMFS  
TECHNOLOGISTS IN GLOUCESTER, MASSACHUSETTS. THE TESTING  
MODEL IS A PROTOTYPE OF A SPANISH SQUID-PEELING MACHINE  
WHICH WAS SEEN BY AN AMERICAN IN SPAIN. THE MACHINE  
WAS USED BY THE PESCANOVA COMPANY OF VIGO, SPAIN.  
PESCANOVA OFFICIALS TRIED TO KEEP DETAILS OF THE MACHINE  
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SECRET, BUT SOMEHOW A PHOTOGRAPH OF THE MACHINE WAS  
BROUGHT BACK TO THE UNITED STATES.

3. NMFS BUILT THE PROTOTYPE FROM THE PHOTOGRAPH (NO  
BLUEPRINTS WERE AVAILABLE), BUT COULD NOT MAKE IT WORK.  
PESCANOVA OFFICIALS LATER SAID THAT THEIR OWN VERSION  
WAS UNDERGOING MODIFICATION. NMFS SCIENTISTS TOOK THIS

TO MEAN THAT THE SPANIARDS WERE HAVING THEIR OWN PROBLEMS WITH THE SQUID-PEELER (END LIMITED OFFICIAL USE).

4. (BEGIN UNCLASSIFIED) NMFS HAS BEEN WORKING WITH THE DEVICE FOR ABOUT SIX MONTHS, AND HAS ALTERED THE ORIGINAL PROTOTYPE SEVERAL TIMES. CURRENTLY, THE MACHINE DOES A FAIRLY ADEQUATE JOB WITH LOLLIGO SQUID BUT IS STILL NOT CAPABLE OF SKINNING PROPERLY THE TOUGHER-SKINNED ILLEX SPECIES.

5. BASICALLY, THE MACHINE IS A CONVEYOR BELT WITH TWO SETS OF ROLLERS. THE FIRST ROLLER ON THE 12-FOOT LONG CONVEYOR BELT TAKES OFF THE HEAD AND REMOVES THE VISCERA. AT THIS POINT THE SQUID SKIN IS ONLY BROKEN UP. THE NEXT ROLLER, UNLIKE THE FIRST, JOINS THE CONVEYOR BELT DIAGONALLY AND IS SUPPOSED TO TEAR OFF THE SKIN, FINS AND THE CARTILAGE-LIKE PEN. (BEGIN LIMITED OFFICIAL USE) IT IS THIS SECOND ROLLER WHICH NMFS HAS NOT SUCCEEDED IN USING EFFICIENTLY. AT PRESENT, NMFS IS STILL USING A SECOND ROLLER WHICH ONLY BUNCHES THE SKIN UP RATHER THAN TEARING IT OFF. NMFS PERSONNEL SEEMED UNCERTAIN ABOUT THE MACHINE'S POTENTIAL, BUT GRANTED THAT WITH ADDITIONAL WORK THE DEVICE COULD POSSIBLY BECOME WORKABLE.

6. NMFS DOES NOT BELIEVE THAT THIS INFORMATION SHOULD BE PASSED TO SINGAPORE AT THE PRESENT TIME, BUT HAS NO OBJECTIONS TO A BRIEFING OF ELSTON (END LIMITED OFFICIAL USE).  
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7. (BEGIN UNCLASSIFIED) NMFS IS INTERESTED IN ANY ADDITIONAL INFORMATION WHICH THE POST MAY HAVE ON THE POTENTIAL USERS OF THE SQUID-PEELING MACHINE. VANCE

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** FISHING INDUSTRY, EQUIPMENT, FISH, TEST FACILITIES  
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**Copy:** SINGLE  
**Sent Date:** 24-May-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977STATE119157  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** MMILAZZO:JJ  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770184-1182  
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**Office:** ORIGIN COME  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** 77 LONDON 4086, 77 LONDON 7489  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
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**Review Exemptions:** n/a  
**Review Media Identifier:**  
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**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 2389171  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** SQUID-PEELING MACHINE  
**TAGS:** EFIS, DA, SP  
**To:** LONDON  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009